

TM Hydro-X Controllers Comparison



Hydro-X (HCS-1)



Hydro-X Pro (HCS-2)

Quick Look

Size	Backlit 128 x 128 LCD Display	10.1' LED Screen
Control	Button Control	Touchscreen Control
Save / Copy / Import / Export data	Micro-SD	Micro-SD / USB
Firmware Update	Micro-SD	USB / Online
Package Content	Hydro-X Controller x 1 Commercial 3-in-1 Sensor x 1 RJ12 Cable Set x 1 Mounting Plate x 1	Hydro-X Pro Controller x 1 Commercial 4-in-1 Sensor x 1 RJ12 Cable Set x 1 Mounting Plate x 1

Product Capacity

MAX. Number Of Sensors

- 3-in-1 Sensor	Max. 1 pc	50 pcs
- CO2 Sensor	Max. 1 pc	(Without A Maximum
- PAR Sensor	Max. 1 pc	Number Of Each Sensor)
- Water Detectors	Max. 5 pcs	
- Smoke Detectors (optional)	Max. 5 pcs	

MAX. Number Of Control Modules

- Temp Device Stations	Max. 4 pcs	
- Humidity Stations	Max. 2 pcs	
- CO2 Device Stations	Max. 2 pcs	50 pcs
- Program Device Stations	Max. 9 pcs	

Control & Monitoring

Remote Control / Monitoring	App	Web-based Program/App
-----------------------------	-----	-----------------------

Setting

Separate Day-Night Setting	✓	✓
Reminder Setting On Calendar	—	✓
Calendar Control - Predetermined "Recipes"	—	✓
Spray Function Temporarily Shuts Off Devices	—	✓
Multiple Zones	—	✓

Light Control

Controls 2 Separate Lighting Channels	✓	✓
Controls Lights Using PPFd / PAR meter	✓	✓
DLI Control & Monitoring	—	✓
Spectrum Control (ThinkGrow LEDs)	—	✓
Group Control (10 x 2) (ThinkGrow LEDs)	—	✓

Sensor & Device Control

Controls HVAC & Mini-Split Acs	✓	✓
Controls Commercial Humidifiers / Dehu	✓	✓
Controls Timed Devices	✓	✓
Controls Supplemental CO2	✓	✓
Monitors Media Moisture Level	—	✓
Separate Setpoints For EACH Device	—	✓
Can Assign Sensors To Specific Devices	—	✓
Customizable Device Module Settings	—	✓